



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/881,514
		Filing Date	06/12/2001
		First Named Inventor	Solomon I. Beilin
		Group Art Unit	1765
		Examiner Name	Shamim Ahmed
Total Number of Pages in This Submission	14	Attorney Docket Number	6136/60403 (25916-226)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Coudert Brothers LLP
Signature	
Date	12/24/2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

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DEC 3 0 2002

PTO/SB/17 (10-02)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 168.00)

Complete if Known

Application Number	09/881,514
Filing Date	06/12/2001
First Named Inventor	Solomon I. Beilin
Examiner Name	Shamim Ahmed
Art Unit	1765
Attorney Docket No.	6136/60403 (25916-226)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	13-0201
Deposit Account Name	Coudert Brothers LLP

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 740	2001 370	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 510	2003 255	Plant filing fee	
1004 740	2004 370	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$ -0-			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X	
Claims	- 3** =	2 X 84	168
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 168.00		

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description
1051 130	2051 65			Surcharge - late filing fee or oath
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet
1053 130	1053 130			Non-English specification
1812 2,520	1812 2,520			For filing a request for ex parte reexamination
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action
1251 110	2251 55			Extension for reply within first month
1252 400	2252 200			Extension for reply within second month
1253 920	2253 460			Extension for reply within third month
1254 1,440	2254 720			Extension for reply within fourth month
1255 1,960	2255 980			Extension for reply within fifth month
1401 320	2401 160			Notice of Appeal
1402 320	2402 160			Filing a brief in support of an appeal
1403 280	2403 140			Request for oral hearing
1451 1,510	1451 1,510			Petition to institute a public use proceeding
1452 110	2452 55			Petition to revive - unavoidable
1453 1,280	2453 640			Petition to revive - unintentional
1501 1,280	2501 640			Utility issue fee (or reissue)
1502 460	2502 230			Design issue fee
1503 620	2503 310			Plant issue fee
1460 130	1460 130			Petitions to the Commissioner
1807 50	1807 50			Processing fee under 37 CFR 1.17(q)
1806 180	1806 180			Submission of Information Disclosure Stmt
8021 40	8021 40			Recording each patent assignment per property (times number of properties)
1809 740	2809 370			Filing a submission after final rejection (37 CFR 1.129(a))
1810 740	2810 370			For each additional invention to be examined (37 CFR 1.129(b))
1801 740	2801 370			Request for Continued Examination (RCE)
1802 900	1802 900			Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ -0-

(Complete if applicable)

Name (Print/Type)	Steven R. Vosen, Ph.D.	Registration No. (Attorney/Agent)	45,186	Telephone 415/409-2900
Signature	<i>Steven R. Vosen, Ph.D.</i> <th>Date</th> <td data-cs="2" data-kind="parent">12/24/2002</td> <td data-kind="ghost"></td>	Date	12/24/2002	

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PATENT

#6/B
SA
4/3/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Solomon I. Beilin, et al.
Serial No.: 09/881,514
Filed: June 12, 2001
For: METHODS OF PLANARIZING
STRUCTURES ON WAFERS
AND SUBSTRATES BY
POLISHING
Group Art Unit: 1765
Examiner: Shamim Ahmed
Attorney Docket: 6136/60403(25916-226)

CERTIFICATE OF
MAILING/TRANSMISSION
(37 C.F.R. § 1.8A)

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December 24, 2002

Mary M. Padilla

Mary M. Padilla

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AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

The following Amendment and Remarks are made in response to the Office Action mailed September 24, 2002. Reexamination and reconsideration of the application in light of the following Amendment and Remarks are respectfully requested.

In the Specification:

Please replace the paragraph beginning on Page 14, line 9 through the beginning of Table II with the following paragraph:

B1
The removal rate of tungsten was found to be lower in acidic slurries than in alkaline slurries, and this is believed to be due to the formation of an oxide layer over the tungsten in acidic (low pH) slurries. This oxide layer retards the chemical-mechanical polishing of tungsten. Therefore, it is desirable to polish the samples in acidic slurries so that a thin tungsten layer can hold up longer and serve more effectively as a polish-stop layer. The chemistry of commercial slurries was modified by adding various acids to adjust the pH to be within the acidic range (pH < 7.0), and the effects of these acids on polish selectivity were experimentally studied by examining the chemical etching rate of copper, polyimide, and

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